

Chat Application

Client Overview

The client is a multinational organization headquartered in the United States and South Korea. They aimed to develop an enterprise application to streamline global operations. The platform includes an internal chat system to enable seamless communication across the organization.

Overview

Modern organizations need fast, reliable communication tools beyond simple messaging. Teams require a centralized platform to chat, share files, start instant meetings, and capture information on the go. To meet this need, an organization-based chat and collaboration app was developed, enabling structured communication and real-time collaboration through meeting links, document sharing, and camera capture. The platform is available as a **Web App and Desktop App**.

Problem Statement

Before adopting the chat app, organizations faced several communication challenges:

- **Scattered Communication** – Teams used multiple tools for chat, meetings, and file sharing.
- **Slow Meeting Coordination** – Scheduling or sharing meeting links took time, delaying decisions.
- **Inefficient File Sharing** – Documents were spread across emails and storage tools.

Solution

The organization-based chat app unified messaging and collaboration into one platform.

Core Features

A) Organization-Based Structure

Impact: Keeps discussions relevant and organized.

B) Real-Time Messaging with Threads

Impact: Enables structured conversations and keeps replies organized under specific messages.

C) Group Management (Multiple Users)

Impact: Allows teams to manage group conversations efficiently with multiple participants.

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D) Channel Creation & User Filtering

Impact: Users can create channels for specific topics or teams and add selected members, ensuring focused and filtered communication.

E) Instant Meeting Link Sharing

Impact: Reduces delays in decision-making.

F) Document & File Sharing

Impact: Eliminates searching across tools.

G) Camera Capture

Impact: Speeds up communication and problem-solving.

H) Notes Section for Each User

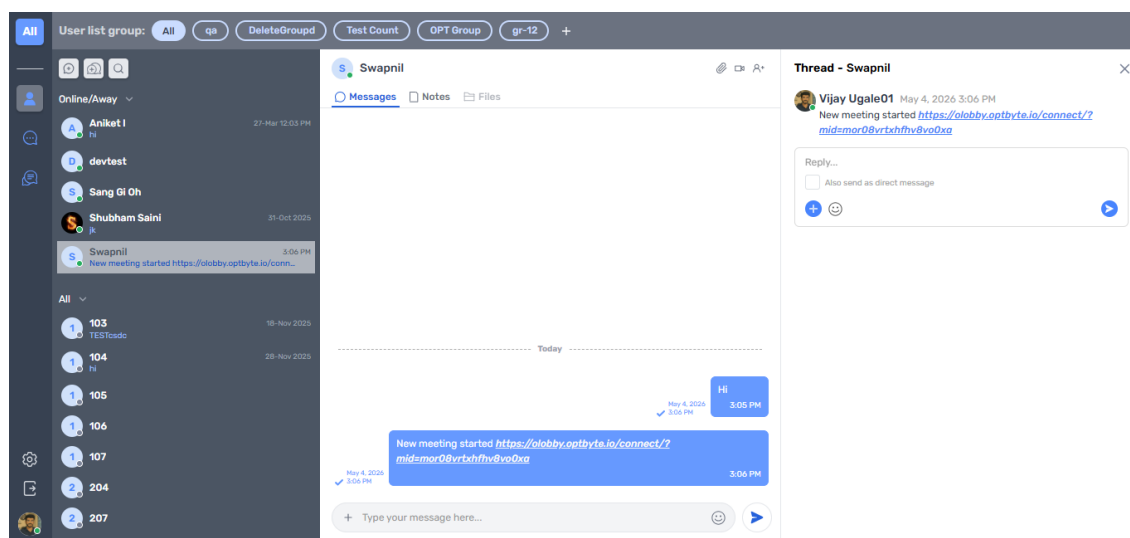
Impact: Allows users to maintain running notes during chats for better tracking and follow-ups.

Technology Stack

Angular 16 | Bootstrap | .NET Core Web API | AWS | Docker

Conclusion

The organization-based chat app successfully centralized communication, meetings, and collaboration into a single, structured platform. By introducing threads, channel-based filtering, group management, and personal notes, it enhanced clarity, organization, and productivity. Available as a Web App and Desktop App, the platform enables teams to communicate faster and work more efficiently.



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